

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-32) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
DON01 P-1138

SERIAL NO.
10/770,097

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANTS: Todd W. Pastrick et al.

(Use several sheets if necessary)

FILING DATE
02/02/2004

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
<i>BJ</i>	5 3 7 1 6 5 9	12/94	Pastrick et al.			
<i>BJ</i>	5 2 0 7 4 9 2	05/93	Roberts			
<i>BJ</i>	5 1 7 9 4 7 1	01/93	Caskey et al.			
<i>BJ</i>	5 1 5 1 8 2 4	09/92	O'Farrell			
<i>BJ</i>	5 1 1 3 1 8 2	05/92	Suman et al.			
<i>BJ</i>	5 1 0 9 2 1 4	04/92	Heidman, Jr.	340	475	
<i>BJ</i>	5 0 4 9 8 6 7	09/91	Stouffer			
<i>BJ</i>	5 0 1 7 9 0 3	05/91	Krippelz, Sr.			

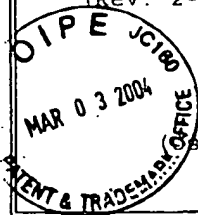
FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
						Y N
<i>BJ</i>	DE 3 8 0 3 5 1 0A	09/88	Germany			Abstract Only
<i>BJ</i>	6 1 1 8 8 2 4 2	08/96	Japan			x
<i>BJ</i>	6 2 2 1 8 2 4 8	09/87	Japan			Abstract only

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
<i>BJ</i>		European Search Report for European Application EP 96 65 0012 which is based on related U.S. Patent No. 5,497,306.
<i>BJ</i>		European Search Report for European Application EP 99 65 0053 which is based on related U.S. Patent Application Serial No. 09/335,010, filed June 17, 1999.
EXAMINER	<i>Ben Brand Trade</i>	DATE CONSIDERED <i>01/21/05</i>
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
<i>BA</i>	5 0 1 4 1 6 7	05/91	Roberts			
<i>BA</i>	4 9 1 6 4 3 0	04/90	Vu et al.			
<i>BA</i>	4 8 9 0 9 0 7	01/90	Vu et al.			
<i>BA</i>	4 8 8 1 1 4 8	11/89	Lambropoulos et al.			
<i>BA</i>	4 8 6 6 4 1 7	09/89	DePino et al.			
<i>BA</i>	4 8 0 9 1 3 7	02/89	Yamada			
<i>BA</i>	4 6 8 8 0 3 6	08/87	Hirano et al.			
<i>BA</i>	4 4 7 5 1 0 0	10/84	Duh	340	98	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
						Y N
<i>BA</i>	1 2 3 9 2 7 3	09/89	Japan			Abstract Only
<i>BA</i>	3 6 3 5 4 7 1	5/88	Germany			X
<i>BA</i>	3 6 3 5 4 7 3	4/88	Germany			X

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<i>BJ</i>	4 4 4 6 3 8 0	05/84	Moriya et al.			
<i>BJ</i>	4 3 4 2 2 1 0	08/82	Denningham			
<i>BJ</i>	4 2 7 4 0 7 8	06/81	Isobe et al.	340	98	
<i>BJ</i>	4 2 5 8 3 5 2	03/81	Lipschutz			
<i>BJ</i>	4 2 0 5 3 2 5	05/80	Haygood et al.			
<i>BJ</i>	4 0 4 1 3 0 1	08/77	Pelchat			
<i>BJ</i>	3 5 9 6 0 7 9	07/71	Clark			
<i>BJ</i>	2 5 6 2 6 8 7	07/51	Anderson			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA- TION
						Y N
<i>BJ</i>	JA 3 0 5 0 0 4 4	4/91	Japan			Abstract only
<i>BJ</i>	DE 2 6 3 4 3 7 2	2/78	Germany			X
<i>BJ</i>	JA 5 8 1 8 8 7 33	11/83	Japan			Abstract only

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
<i>BJ</i>	2 2 7 3 5 7 0	02/42	Greenlees			
<i>BJ</i>	1 5 6 3 2 5 8	11/25	Cunningham			
<i>BJ</i>	1 2 7 8 7 4 1	09/18	Phelps	362	83.1	
<i>BJ</i>	2 2 9 5 1 7 6	09/42	Kelly	362	83.1	
<i>BJ</i>	2 5 1 1 9 7 1	06/50	Dalton	362	83.1	
<i>BJ</i>	5 4 9 7 3 0 6	03/96	Pastrick			
<i>BJ</i>	5 4 9 7 3 0 5	03/96	Pastrick et al.			
<i>BJ</i>	5 3 0 3 1 3 0	04/94	Wei et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA- TION
						Y N
<i>BJ</i>	DE 3 6 1 4 8 8 2	11/87	Germany			X
<i>BJ</i>	1 5 5 5 5 4 1	11/79	Great Britain			
<i>BJ</i>	2 1 6 1 4 4 0A	01/86	Great Britain			

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	INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT(S) Todd W. Pastrick et al.	
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
<i>BL</i>	5 6 6 0 4 5 7	08/26/1997	Lyons	362	83.1	
<i>BL</i>	5 4 9 9 1 6 9	03/12/1996	Chen	362	83.1	
<i>BL</i>	5 4 0 2 1 0 3	03/28/1995	Tashiro	340	475	
<i>BL</i>	5 0 5 9 0 1 5	10/22/1991	Tran	359	844	
<i>BL</i>	4 6 6 1 8 0 0	04/28/1987	Yamazaki	340	98	
<i>BL</i>	5 1 3 2 8 8 2	07/92	Alder			
<i>BL</i>	5 0 3 8 2 5 5	08/91	Nishihashi			
<i>BL</i>	5 3 1 3 3 3 5	05/94	Gray et al.			
<i>BL</i>	5 6 2 4 1 7 6	4/97	O'Farrell et al.	362	83.1	

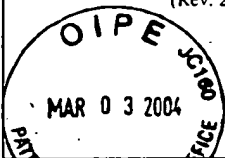
FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA- TION
						Y N
<i>BL</i>	2 1 2 9 7 4 9	05/23/1984	Great Britain			
<i>BL</i>	2 2 6 6 8 7 0	11/17/1993	Great Britain			

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EXAMINER	<i>Richard Fenske</i>	DATE CONSIDERED	<i>01/21/05</i>
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		FILING DATE 02/02/2004	GROUP

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
<i>BS</i>	5 6 6 9 7 10 4	09/1997	Pastrick	362	83.1	
<i>BS</i>	5 6 6 9 6 9 9	09/1997	Pastrick et al.	362	83.1	
<i>BS</i>	5 8 6 3 1 1 6	01/1999	Pastrick et al.	362	494	
<i>BS</i>	5 8 2 3 6 5 4	10/1998	Pastrick et al.	362	83.1	
<i>BS</i>	5 8 7 1 2 7 5	02/1999	Pastrick et al.	362	494	
<i>BS</i>	5 6 6 9 7 0 5	09/1997	Pastrick	362	83.1	
<i>BS</i>	6 1 7 6 6 0 2	01/2001	Pastrick et al.	362	494	
<i>BS</i>	6 0 8 6 2 2 9	07/2000	Pastrick	362	494	
<i>BS</i>	6 1 4 9 2 8 7	11/2000	Pastrick et al.	362	494	
<i>BS</i>	5 8 7 9 0 7 4	03/1999	Pastrick	362	494	
<i>BS</i>	6 0 9 9 1 5 3	08/08/00	Zimmermann et al.	362	494	
<i>BS</i>	5 6 6 9 7 0 5	09/23/97	Pastrick et al.	362	83.1	


FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA-TION
						Y N
<i>BS</i>	DE 1 9 5 38 7 71 A1	04/24/97	Germany			Abstract Only
<i>BS</i>	DE 2 9 7 02 7 46 U1	05/15/97	Germany			X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
	1	0	9	6	4	5	2						
<i>BL</i>	1	0	9	6	4	5	2		5/1914	J.G. Perrin			
<i>BL</i>	1	3	5	3	2	5	3		09/1920	C.F. Livingston et al.			
<i>BL</i>	1	4	1	5	4	6	5		09/1922	O.T. Nigh			
<i>BL</i>	2	4	5	7	3	4	8		12/1948	P.A. Chambers.			
<i>BL</i>	5	2	0	6	5	6	2		04/1993	Matsuno et al.	315	77	
<i>BL</i>	2	2	3	5	1	8	1		03/1941	Thiel	362	494	
<i>BL</i>	4	5	8	3	1	5	5		04/1986	Hart	362	285	
<i>BL</i>	4	6	6	1	8	0	0		04/1987	Yamazaki	362	494	
<i>BL</i>	5	7	8	8	3	5	7		08/1998	Muth et al.	362	494	
<i>BL</i>	5	8	8	6	8	3	8		03/1999	Kuramoto	359	841	
<i>BL</i>	6	0	7	6	9	4	8		06/2000	Bukosky et al.	362	494	
<i>BL</i>	5	5	8	7	6	9	9		12/24/96	Faloon et al.	340	475	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA- TION	
													Y	N
	GB	2	2	7	5	3	2	9A	08/1994	Great Britain				
		2	6	1	8	3	9	7	01/1989	French			X	
		2	6	1	2	1	3	6	09/1988	French				X
	GB	2	1	6	1	4	4	0A	01/1986	Great Britain				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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	1 4 5 8 7 0 3	06/1923	Harris et al.			
	2 0 1 0 1 3 8	08/1935	E.T. Condon	177	329	
	3 5 2 2 5 8 4	08/1970	Y.J. Talbot	340	98	
	4 8 0 8 9 6 8	02/1989	Caine	340	71	
	4 8 5 1 9 7 0	07/1989	Bronder	362	66	
	5 4 3 6 7 4 1	07/1995	Crandall	359	15	
	6 0 4 5 2 4 3	04/2000	Muth et al.	362	494	
	6 1 3 9 1 7 1	10/2000	Waldmann	362	494	
	6 2 0 6 5 3 3	03/2001	Boddy et al.	362	494	
	6 2 7 6 8 2 1	08/2001	Pastrick et al.	362	494	
	6 2 8 0 0 6 8	08/28/01	Meriens et al.	362	494	
	6 2 5 0 7 8 3	06/26/01	Stidham et al.	362	494	
	6 1 3 9 1 7 1	10/31/00	Waldmann	362	494	
	6 0 9 9 1 5 3	08/08/00	Zimmermann et al.	362	494	
	5 4 3 6 7 4 1	07/25/95	Crandall	359	15	
	4 6 2 6 0 8 4	12/1986	Kumai, Toshiyuki	359	841	

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						Y N
	DE 4 1 4 1 2 0 8	06/1993	Germany			X
	9 4 0 9 5 6 63	09/1994	Germany			X
	2 1 5 4 9 6 9	09/1985	Great Britain			
	WO 8 9 0 1 4 2 5	02/1989	PCT			
	62 1 9 1 2 4 6A	08/1987	Japan			X
	8 1 4 2 7 4 5A	06/1996	Japan			Abstract only
	9 0 9 5 1 7 7	04/1997	Japan			Abstract only
	GB 2 3 1 6 3 7 9A	02/1998	Great Britain			
	9 1 0 1 0 2 9	05/1991	Germany			X
	EP 0 8 2 0 9 0 0	01/1998	EPC			X
	1 4 6 1 4 1 9	12/66	France			X
	JP 6 1 2 1 8 45 2A	09/1986	Japan			

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